



National Institute of Environmental Health Sciences  
*Your Environment. Your Health.*

## Chronic Disease Epidemiology Postdoctoral Fellowships at the NIH National Institute of Environmental Health Sciences

**Postdoctoral fellowships** are available in the [Epidemiology Branch](#) at the [National Institutes of Health National Institute of Environmental Health Sciences](#). We are seeking talented motivated diverse individuals with doctoral degrees and advanced graduate training in epidemiology, population health, environmental health, or biostatistics within the past 5 years, to join the [Chronic Disease Epidemiology Group](#) led by Dr. Dale Sandler. Successful candidates will have a strong background in epidemiology and statistical methods, with interest in environmental exposures, cancer, chronic disease, or women's health. Experience in environmental health sciences, mixtures methods, biomarker studies, geographic information systems, genomics and/or gene/environment interactions is beneficial but not required.

Environmental risk factors for cancer and other health conditions are important but understudied. Few studies have considered simultaneous exposure to environmental mixtures in relation to disease risk or considered early life factors, or the combined effects of social, lifestyle, nutritional and environmental exposures. Opportunities are available for postdoctoral fellows to take advantage of data from large prospective studies, including the [Sister Study](#) and the [Agricultural Health Study \(AHS\)](#) cohorts. The Sister Study includes over 50,000 women across the United States, with extensive questionnaire data and biological and environmental specimens. Study participants are followed for numerous health outcomes including breast and other cancers, and non-cancer chronic diseases. The AHS cohort enrolled 90,000 licensed pesticide applicators and spouses in 1993-1997. Participants are followed for incidence of cancer and other chronic conditions as well as mortality through record linkage and periodic questionnaires. The NIEHS takes the lead on studies of non-cancer outcomes in the AHS.

Fellows' time is devoted to data analysis, manuscript preparation, and career development (e.g., grant applications). Fellows at NIEHS are encouraged to build on existing resources to develop new projects that become the basis for transition to independent research awards, K99/R00 and non-NIH research grants. The training environment is enriched by proximity and access to local universities (e.g., University of North Carolina, NC Central University, NC State University, and Duke University). Opportunities for mentoring undergraduate and graduate students are available. NIEHS offers comprehensive training and career development opportunities for fellows.

**Candidates who can contribute to the diversity and excellence of our research program are strongly encouraged to apply.** **Salary and benefits** are highly competitive. Initial appointments will be two years at NIEHS in **Research Triangle Park, North Carolina**, with additional time (up to 5 years) depending on eligibility and productivity. Applicants should submit the following materials to [epifellowships@niehs.nih.gov](mailto:epifellowships@niehs.nih.gov):

- **Statement describing areas of research interest**
- **Curriculum vitae with bibliography**
- **Copies of 1-2 recent publications**
- **Contact information for 3 persons serving as references**

Learn more about [NIEHS Fellows' Career Development](#) and [NIH training programs](#) (e.g., postdoctoral, graduate, postbaccalaureate, undergraduate, Summer programs).

*The NIH is dedicated to building a diverse and equitable community in its training and employment programs.*